

# What should the program focus be?

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- ▶ There are two programs here:
  - Overhead to underground
  - Maintenance
- ▶ High-level areas:
  - Reduce resources and human labor in undergrounding.
    - Main cost
    - We will have a labor shortage
  - Just drilling faster or farther doesn't seem to be the answer
    - Need to drill smarter
  - Need sensing to help us drill with confidence and faster. GPR misses things, data from cities is not reliable.

# What should the program focus be?

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- Intelligent ways to make sense of all the data from disparate sources.
- Materials
  - that reduce maintenance
  - new conductors that address many issues
- Re-thinking splicing completely.
  - Are there crazy new ideas in this space?